

SCHEDULE OF APPROXIMATE  
OVERHEAD HEIGHTS AND PIT DEPTHS  
UP TO 5000# [2268 kg] CAPACITY  
PASSENGER/SERVICE ELEVATORS

OVERHEAD MACHINES

SPEEDS FT./MIN. (M/SEC)	TYPE OF MACHINE	DISTANCE FROM TOP OF LANDING TO FINISHED MACHINE ROOM FLOOR OR PLATFORM		DISTANCE FROM TOP OF FINISHED MACHINE ROOM FLOOR TO UNDERSIDE OF SECONDARY SLAB	PITS
		WITHOUT SECONDARY SLAB	WITH SECONDARY SLAB		
100 (0.5)	GEARED	17'-0" [5150mm]			5'-6" [1650mm]
150 (0.8)	GEARED	17'-6" [5300mm]			5'-6" [1650mm]
200 (1.0)	GEARED	17'-6" [5300mm]			5'-8" [1700mm]
250 (1.3)	GEARED	18'-0" [5450mm]			6'-6" [1950mm]
300 (1.5)	GEARED	18'-0" [5450mm]			6'-6" [1950mm]
350 (1.8)	GEARED	18'-0" [5450mm]			6'-11" [2075mm]
400 (2.0)	GEARLESS		24'-3" [7375mm]	5'-3" [1575mm]	8'-8" [2600mm]
450 (2.3)	GEARLESS		24'-3" [7375mm]	6'-3" [1875mm]	8'-8" [2600mm]
500 (2.5)	GEARLESS		24'-6" [7450mm]	6'-3" [1875mm]	9'-6" [2850mm]
600 (3.0)	GEARLESS		25'-8" [7800mm]	6'-3" [1875mm]	10'-2" [3100mm]
700 (3.5)	GEARLESS		26'-10" [8150mm]	6'-3" [1875mm]	11'-2" [3400mm]

CLEAR MACHINE ROOM 7'-6" [2250mm].

NOTES:

1. DIMENSIONS ARE FOR PRELIMINARY PLANNING ONLY. ELEVATOR ENGINEER SHOULD BE CONSULTED RELATIVE TO CLEARANCES REQUIRED FOR SPECIFIC PROJECTS.
2. GEARLESS HOISTING MACHINES SHALL BE CONSIDERED FOR RISES OF 100 FEET [30480mm] OR MORE.

DETAIL TITLE / ELEVATOR HOISTWAYS 2000 LB. CAPACITY  
PASSENGER/SERVICE ELEVATORS  
VERTICAL DIMENSIONS

SCALE : NONE

DATE ISSUED : DECEMBER 2008

CADD DETAIL NO. : SD142100-06.DWG

Department of  
Veterans Affairs

